



## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
9465-005	09/097,791
APPLICANT	
Boyce-Jacino et al.	
FILING DATE	GROUP
June 16, 1998	1631

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AM	AA	5,002,867	3/26/91	Macevicz	435	6	
	AB	4,656,127	4/7/87	Mundy	435	6	
	AC	4,851,331	7/25/89	Vary et al.	435	6	
	AD	4,812,856	3/14/89	Wallace	346	1.1	
	AE	5,053,100	10/1/91	Hayes et al.	156	294	
	AF	5,445,934	8/29/95	Fodor et al.	435	6	
	AG	4,521,509	6/4/85	Benkovic et al.	435	6	
Y	AH	5,518,900	5/21/96	Nikiforov et al	435	91.1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AM	AI	WO 96/17957	6/13/96	PCT, <i>Demanas</i>				
	AJ	WO 95/03401	2/2/95	PCT, <i>Gruber</i>				
	AK	WO 89/10414	11/2/89	PCT, <i>Wallace et al.</i>				
	AL	WO 92/15712	9/17/92	PCT, <i>Goelet et al.</i>				
	AM	WO 91/02087	2/21/91	PCT, <i>Colon et al.</i>				
	AN	WO 95/11995	5/4/95	PCT, <i>Chee et al.</i>				
Y	AO	WO 95/00669	1/5/95	PCT, <i>Cashay et al.</i>				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AP	Antrazhev et al., 1987, "3' substituted nucleoside phosphorothioates terminate DNA synthesis catalyzed by various DNA polymerases", Bioorg. Khim, 13:1045-1052
	AQ	Beattie et al., 1995, "Hybridization of DNA targets to glass-tethered oligonucleotide probes", Mol. Biotech., 4:213-225
	AR	Beattie et al., 1991, "Solid phase gene assembly", Nature 352: 548-549
	AS	Botstein et al., 1980, "Construction of a genetic linkage map in man using restriction fragment length polymorphisms", Am. J. Hum. Gen. 32:314-331
	AT	Carlsson et al., 1991, "Short communication: solid phase disulfide oxides: a new approach to reversible immobilization and covalent chromatography of thiol compounds", Biotech. Applied Biochem. 14:114-120
	AU	Chetverin et al., 1994, "Oligonucleotide arrays: new concepts and possibilities", Biotech 12:1093-1099
Y	AV	Chidgeavadze et al., 1985, "3'-Fluoro-2',3'-dideoxyribonucleoside 5'triphosphates:terminators of DNA synthesis", FEBS Letters 183:275-278

10/27/88 S. D. 993	AW	Chidgeavadze et al., 1986, "Nucleoside 5'-triphosphates with modified sugars as substrates for DNA polymerases", Biochem. Biophys. Acta 868:145-152
	AX	Chidgeavadze et al., 1989, "Conformationally restricted 5'-triphosphates as termination substrates for DNA polymerases", Mol Bio. (Mosk.) 23:1732-1742
	AY	Chu et al., 1988, "Ligation of oligonucleotides to nucleic acids or proteins via disulfide bonds", Nuc. Acids Res. 16:3671-3691
	AZ	Conner et al., 1983, "Detection of sickle cell $\beta^S$ -globin allele by hybridization with synthetic oligonucleotides", PNAS 80:278-282
	BA	Ekstein et al., 1976, "Synthesis and properties of diastereoisomers of adenosine 5'-(O-1-thiotriphosphate) and adenosine 5'-(O-thiotriphosphate)", Biochem. 15:1685-1691
	BB	Engelke et al., 1988, "Direct sequencing of enzymatically amplified human genomic DNA", PNAS 85:544-548
	BC	Fahy et al., 1993, "Design and synthesis of polyacrylamide-based oligonucleotide supports for use in nucleic acid diagnostics", Nuc. Acids Res. 21:1819-1826
	BD	Gyllentsten et al., 1988, "Generation of single-stranded DNA by the polymerase chain reaction and its application to direct sequencing of HLA-DQA locus", PNAS 85:7652-7656
	BE	Haff et al., 1997, "Single-nucleotide polymorphism identification assays using a thermostable DNA polymerase and delayed extraction MALDI-TOF mass spectrometry", Genome Methods 7:378-388
	BF	Herlein et al., 1994, "57. 3'-Amino-modified nucleotides useful as potent chain terminators for current DNA sequencing", Helvetica Chimica Acta 77:586-596
	BG	Higuchi et al., 1985, "Production of single-stranded DNA templates by exonuclease digestion following the polymerase chain reaction", Nuc. Acids Res. 17: 5865
	BH	Holstrom et al., 1993, "A highly sensitive and fast nonradioactive method for detection of polymerase chain reaction products", Anal. Biochem. 209:278-283
	BI	Jalanko et al., 1992, "Screening for defined cystic fibrosis mutations by solid-phase minisequencing", Clin. Chem. 38:39-43
	BJ	Kawai et al., 1993, "A simple method of detection amplified DNA with immobilized probes on microtitre wells", Anal. Biochem. 209:63-69
	BK	Kornberg et al., 1992, In DNA replication, 2nd ed, eds: Freeman WH. & Co, San Francisco, pp408, 446-449
	BL	Kornher et al., 1989, "Mutation detection using nucleotide analogs that alter electrophoretic mobility", Nucl. Acids Res. 17:7779-7784
	BM	Kuppaswamy et al., 1991, "Single nucleotide primer extension to detect genetic diseases: experimental application to hemophilia B (factor IX) and cystic fibrosis gene", PNAS 88:1143-1147
	BN	Lamture et al., 1994, "Direct detection of nucleic acid hybridization on the surface of a charge coupled device", Nuc. Acids Res. 22:2121-2125
	BO	<del>Landegran</del> Landegran et al., 1988, "A ligase-mediated gene detection technique", Science 241:1077-1080
	BP	Maskos et al., 1992, "Oligonucleotide hybridizations on glass supports: a novel linker for oligonucleotide synthesis and hybridization properties of oligonucleotides synthesized <i>in situ</i> ", Nuc. Acids Res. 20:1679-1684
	BQ	Matteuci et al., 1981, "Synthesis of deoxyoligonucleotides on a polymer support", J. Am. Chem. Soc. 103:3185-3191
↓	BR	Maxam et al., 1977, "A new method for sequencing DNA", PNAS 74:560

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AN	BS	Messing et al., 1983, "New M13 Vectors for cloning", Meth. Enzymol. 101:20
U.S.	BT	Mihovilovic et al., 1989, "An efficient method for sequencing PCR amplified DNA", Biotechniques 7:14
TO	BU	Mitsuya et al., 1986, "Inhibition of the in vitro infectivity and cytopathic effect of human T-lymphotrophic virus type III/lymphadenopathy-associated virus (HTLV-III/LAV) by 2',3'- didoxynucleosides", PNAS 83:1191
	BV	Newton et al., 1993, "The production of PCR products with 5' single-stranded tails using primers that incorporated novel phosphoramidite immediates", Nuc. Acids Res. 21:1155-1162
	BW	Nickerson et al., 1990, "Automated DNA diagnostics using an ELISA-based oligonucleotide ligation", PNAS 87:8923-8927
	BX	Nyren et al., 1993, "Solid phase DNA missequencing by enzymatic luminometric inorganic pyrophosphate detection assay", Anal. Biochem. 208:171-175
	BY	Ott et al., 1987, "Protection of oligonucleotide primers against degradation by DNA polymerase I", Biochem. 8237-8241
	BZ	Pastinen et al., 1997, "Minisequencing: a specific tool for DNA analysis and diagnostics on oligonucleotide arrays", Genome Res. 7:606-614
	CA	Pastinen et al., 1996, "Multiplex, fluorescent, solid-phase minisequencing for efficient screening of DNA sequence variation", Clin. Chem. 42:1391-1397
	CB	Pease et al., 1994, "Light-generated oligonucleotide arrays for rapid DNA sequence analysis", PNAS 91:5022-5026
	CC	Prober et al., 1987, "A system for rapid DNA sequencing with Fluorescent chain-terminating dideoxynucleotides", Science 238: 336-340
	CD	Prezant et al., 1992, "Trapped-oligonucleotide nucleotide incorporation (TONI) assay, a simple method for screening point mutations", Hum. Mut. 1:159-164
	CE	Rasmussen et al., 1991, "Covalent immobilization of DNA onto polystyrene microwells: the molecules are only bound at the 5' end", Anal. Biochem. 138-142
	CF	Running et al., 1990, "A procedure for productive coupling of synthetic oligonucleotides to polystyrene microtitre wells for hybridization capture", Biotechniques 8:276-277
	CG	Sanger et al., 1975, "A rapid method for determining sequences in DNA by primed synthesis with DNA polymerase", J. Mol. Bio. 94:441
	CH	Sayers et al. 1988, "5'-3- exonucleases in phosphorothioate-based oligonucleotide-directed mutagenesis, Nuc Acid Res. 16:791-802
	CI	Shumaker et al., 1996, "Mutation detection by solid phase primer extension", Hum. Mutat. 7:346-354
	CJ	Sliwkowski et al., 1983, "Resolution of sulphhydryl oxidase from $\gamma$ -glutamyltransferase in bovine milk by covalent chromatography on cysteinylsuccinoamidopropyl-glass", Biochem. J. 209:731-739
	CK	Smith et al., 1994, "Direct fluorescence analysis of genetic polymorphisms by hybridization with oligonucleotide arrays on glass supports", Nuc. Acids Res. 22:5456-5465
	CL	Sokolov B., "Primer extension technique for the detection of single nucleotide in genomic DNA", Nuc. Acids Res. 18:3671, 1990
	CM	Southern et al., 1994, "Arrays of complementary oligonucleotides for analyzing the hybridization behavior of nucleic acids", Nuc. Acids Res. 22:1368-1373
	CN	Spiegelman S., 1964, "Hybrid nucleic acids", Sci. Am. 210:48
↓	CO	Syvanen et al., 1990, "A primer-guided nucleotide incorporation assay in genotyping of apolipoprotein E", Genomics 8:684-692

	CP	Ugozzoli et al., 1992, "Detection of specific by using specific primer extension followed by capture on solid support", GATA 9:107-112
	CQ	White et al., 1988, "Chromosome mapping with DNA markers", Sci. Am. 258:40-48
	CR	Wong et al., 1987, "Characterisation of β-thalassaemia mutations using direct genomic sequencing of an amplified single copy DNA", Nature 330:384-386
	CS	Yuzhakov et al, 1992, "3'-Mercapto-2'3'-dideoxynucleotides are high effective terminators of DNA synthesis catalysed by HIV reverse transcriptase", FEBS Letters 306:185-188

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DATE CONSIDERED

3-17-00

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.